

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1929

DEPARTMENT OF MENTAL DISEASES



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DEPARTMENT OF MENTAL DISEASES
GARDNER STATE COLONY
GARDNER, MASS

TAUNTON STATE HOSPITAL

AUG 30 1930

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TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council:

The personnel of the Board has not changed during the past year. Arthur Reed of North Abington, Mass., was reappointed by the Governor and at the Annual Meeting held in February, he was reelected Chairman. Mrs. Elizabeth C. M. Gifford, Cambridge, Mass., was reelected Secretary.

The meetings of the Board have been well attended and regular inspections of the hospital have been made by committees appointed monthly by the Chairman. The departments of the hospital have been found to be functioning properly during these inspections and it is believed that the general moratorium is constantly improving.

The old buildings still require an enormous amount of repair work. Appropriations sufficient to keep this work progressing have been made during the last few years and many improvements have been noted — chief among them are the installation of fire-proof floors on East Choate Wards 1 and 4. It is planned to continue this work until all of the wards on the lower floor are separated from the basement by a concrete slab which, after being covered with linoleum, creates a floor which is fire-proof as well as pleasing to the eye. The remodeling of the Kenney House at Raynham Colony which consisted of renewing the plaster, bath rooms and stairways, has resulted in converting an old, dilapidated building into a thoroughly modern house which will accommodate 20 patients.

and 10 employees. This work was accomplished entirely by the mechanical force of the hospital. Lavatories and clothing rooms on Wards East Choate 5, and 6 have been thoroughly renovated and now may be considered modern and up-to-date. The bathrooms on these wards were renovated last year and with the work that was completed this year, they may be said to be in very good condition. Aside from this, much painting and carpenter work has been accomplished and as a result, general conditions on many of our wards have been greatly improved.

The new kitchen was opened early in the month of September and although it is not functioning as it will when the new dining rooms which are being constructed at the present time, are available for use, it has proven to be a very satisfactory unit and it is believed that when all of the equipment is in place and the dining rooms are functioning, that it will constitute an excellent unit which will contribute much to the service of food in general.

The work on the new dining rooms is progressing rapidly and it is hoped that by the early part of next summer, it will be possible to have them in use. These dining rooms, when completed, will furnish accommodations for all ambulatory patients at the main building, as well as the employees.

Thus far, appropriations by the General Court have made it possible for us to continue our building program and we are hoping that it will be possible to proceed with this work next year. Special appropriations which have been requested for the coming year, are as follows:

| | |
|---|----------|
| Superintendent's House | \$25,000 |
| Officers' Cottages | 12,000 |
| Equipment for New Cafeteria | 10,000 |
| Root Cellar | 5,000 |
| Creation of a Recreation Room for Patients | 4,000 |
| Renovation Necessary in Changing Space formerly occupied by Dining-rooms, into Ward Space | 6,400 |
| Bay Street Project | 53,625 |
| Employees' Garages | 3,000 |

Each and every one of these projects is necessary to the efficient administration of the hospital and unless it is possible to proceed with this construction, the management of the institution will be conducted on an inefficient basis.

We feel that it is again necessary to mention the necessity of continuing a fire-protection program. We believe that the safety of the institution would be greatly enhanced by the installation of automatic sprinklers in the attics of the main building as well as throughout the industrial building and storehouse which are immediately adjacent to the main building. The sooner this work can be accomplished, the better.

Preliminary plans for the buildings of our new hospital group are now being studied here and it would seem that by this time next year, plans should be completed. The desirability of building this group has been mentioned in our reports for several years and it is now our unanimous belief that the patients of our hospital who need special treatment, should be provided with new quarters as well as laboratories, operating-rooms, etc. The erection of this group will also serve to relieve the crowding which is now fast becoming a menace. During the year, the following visited the hospital: Governor's Council, Committee on Ways and Means, Committee on Public Institutions. It was also inspected at intervals by the Commissioner of the Department of Mental Diseases, George M. Kline, M. D., or the members of his staff.

In conclusion, we wish to express our appreciation for the co-operation which we have received during the year from the Governor and his Council, the Department of Mental Diseases, as well as to our Superintendent, Ralph M. Rogers, M. D., and to all others with whom we have had dealings.

ARTHUR B. REED, *Chairman*,
JULIUS BERKOWITZ,
MARY B. BESSE,

ELIZABETH C. M. GIFFORD,
CHARLES C. CAIN, JR.,
SAMUEL M. STONE,

ASA A. MILLS,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital:

The seventy-sixth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1929, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1928 and ending September 30, 1929.

MOVEMENT OF POPULATION.

On September 30, 1928, the hospital census was as follows: In the hospital 721 men and 742 women, a total of 1,463. In family care, 6 women. On parole and escape, 101 men and 96 women, a total of 197 making a grand total of 1,666, including 822 men and 844 women on the books of the hospital. During the year ending September 30, 1929, 493 patients were received. Of this number, 220 men and 182 women, a total of 402 were classed as first admissions, 47 men and 36 women, a total of 83 came as re-admissions and 4 men and 4 women, a total of 8 were transferred to this hospital from other hospitals.

Patients, 475 in number, including 248 men and 227 women were discharged during the same period. Of this number, 149 men and 94 women, a total of 243 were returned to the community, 91 men and 88 women a total of 179 died and 8 men and 45 women, a total of 53 were transferred to other institutions.

The census on September 30, 1929 was as follows: In the hospital, 757 men and 749 women a total of 1,506. On parole and otherwise absent, 88 men and 90 women, a total of 178 making a grand total of 1,684 including 845 men and 839 women on the books of the hospital. The total number of cases under treatment during the year was 2,159 (1,093 men and 1,066 women).

Of the 402 first admissions, only 350 were actually committed to the hospital, the remaining 52 being under temporary care. Of the 83 re-admissions, 75 were committed there being 1 voluntary and 7 under temporary care.

FIRST ADMISSIONS.

Nativity. Of the 350 committed first admissions, 102 men and 94 women a total of 196 were born in the United States and 79 men and 75 women, a total of 154 were born in other countries, the percentage of native born being 56% and foreign born 44%.

Citizenship. Of the 350 committed first admissions, 196 or 56% were citizens by birth, 54 or 15.43% were citizens by naturalization, 75 or 21.42% were aliens and 25 or 7.15% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions, were as follows: dementia praecox, 91 or 26.0%; psychosis with cerebral arteriosclerosis, 51 or 14.56%; manic-depressive, 23 or 6.56%; senile psychoses, 48 or 13.71%; alcoholic psychoses, 31 or 8.86%; general paralysis, 31 or 8.86%; involution melancholia, 20 or 5.71%; psychosis with mental deficiency, 8 or 2.29%; psychosis with other somatic diseases, 9 or 2.56%; undiagnosed psychoses, 1 or .29%; psychosis with other brain or nervous diseases, 8 or 2.29%; psychoneuroses and neuroses, 4 or 1.14%; epileptic psychoses, 3 or .86%; psychosis with psychopathic personality, 3 or .86%; traumatic psychoses, 2 or .58%; paranoia and paranoid conditions, 11 or 3.14%; without psychosis, 1 or .29%; psychoses with cerebral syphilis, 3 or .86%; psychoses with Huntington's chorea, 1 or .29%; psychoses due to drugs and other exogenous toxins, 1 or .29%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 350 committed first admissions, 121 or 34.57% were over 60 years of age, 104 or 29.71% were between 40 and 60, the involution period, and 31.43% were between 20 and 40, and 15 or 4.29% were under 20.

Education. Of the 350 committed first admissions, 29 or 8.28% were illiterate, 49 or 14% could read and write; 226 or 64.57% had a common school education; 29 or 8.28% had a high school education; 3 or .87% a college education; and 14 or 4% were unascertained.

Environment. Of the 350 committed first admissions, 317 or 90.56% were classed as urban; 31 or 8.86% were rural; and 2 or .58% were unascertained.

READMISSIONS.

Of the 75 patients re-admitted, the diagnoses were as follows: dementia parietal, 35 or 46.66%; manic-depressive, 15 or 20%; alcoholic psychoses, 8 or 10.66%; psychosis with cerebral arteriosclerosis 7 or 9.33%; involution melancholia, 3 or 4%; senile psychoses, 2 or 2.67%; general paralysis, 2 or 2.67%; psychoses with mental deficiency, 2 or 2.67%; epileptic psychoses, 1 or 1.34%.

DISCHARGES.

187 of the 243 patients discharged were committed to the hospital. The remaining 56 were under temporary care and voluntary. The condition of the 187 discharged during the year was as follows: recovered, 32 or 17.11%; improved, 144 or 77.01%; unimproved, 9 or 4.81%; without psychoses, 2 or .7%.

DEATHS.

The death rate for the year figured on the total number under treatment, was 8.29%.

170 of the 179 patients dying during the year were committed. The remaining 9 were under voluntary and temporary care. The causes of death were as follows: arteriosclerosis, 42 or 24.70%; endocarditis and myocarditis, 26 or 15.29%; bronchopneumonia, 22 or 12.94%; general paralysis of the insane, 19 or 11.18%; tuberculosis of the respiratory system, 18 or 10.59%; lobar pneumonia, 4 or 2.35%; gangrene, 3 or 1.77%; cerebral hemorrhage, apoplexy, 3 or 1.77%, other causes, 33 or 19.41%.

Of those who died, 97 or 57.06% were over 60; 51 or 30% were from 40 to 60; 21 or 12.35% were from 20 to 40, and 1 or .59% was under 20.

Our record shows that at the close of the year, there were 33 ex-service men in the hospital.

MEDICAL SERVICE.

We consider that at the present time, our medical staff is well above the average. All of our physicians are graduates of Class-A schools and licensed to practice medicine in the State of Massachusetts.

The Pathological Department has been somewhat handicapped by the lack of a pathologist but the autopsy work has been well taken care of as described under the heading of laboratory. We are endeavoring to secure the services of a pathologist who will not only be equipped to take care of the laboratories satisfactorily but who will also fit into the hospital routine well.

A comparison of the effects of fever therapy in the treatment of general paralysis has been made on a small scale between foreign protein administration in the form of typhoid vaccine intravenously, and malaria. From our observation of the small number of cases treated, 13 with typhoid and 20 with malaria, the results obtained strongly favor the use of malaria.

The visiting staff has contributed more to our medical department than ever before and their prompt and efficient service has been a great help to the resident physicians. During the year, Dr. Charles J. C. Gillon, eye, ear, nose and throat specialist, and Dr. Byron H. Strout, dentist, have been added to this staff. The services of Dr. Richard P. MacKnight, the district representative of the Department of Public Health, have been required on several occasions and with co-operation and advice we have been successful in eliminating contagious infections.

During the year, the following physicians have been added to the staff as a result of the resignation of previous members: Ronald B. McIntosh, M. D., and E. Boutelle, M. D., Wiggan L. Merrill, M. D., and Henry Rapaport, M.D.

SOCIAL SERVICE.

The personnel of our Social Service Department has remained unchanged throughout the year, much to our advantage. The work has been about the same as that of last year except that the social workers are now taking all of

the histories, both those of the patients whose relatives can visit the hospital and those whose people must be interviewed in the home. This makes for better histories in that the worker is in a position to turn in a complete history before presentation in conference. Since a knowledge of the patient's environment explains many things, it is felt that the ideal way would be for all histories to be taken in the home, but this is not practical with the present number of workers.

The increased history-taking has necessarily decreased the number of supervision calls on the trial visit patients. This is to be regretted, but it has so been unavoidable. We are hoping for the addition of another worker to remedy this.

The supervision work, the history-taking and investigation, and the work done in conjunction with the psychiatrist's in school and community clinics, comprise the principal work of the department. These clinics are discussed under Out-Patient Department.

The workers have attended monthly conferences at the State House where all of the social workers of the Department of Mental Diseases meet for discussion and instruction in their common problems. The Head Worker has attended Saturday morning conferences once a month where matters relating to the standardization of the work of the different hospitals are discussed.

Other conferences and lectures bearing on Social Work and its allied subjects have been attended whenever possible, and the workers themselves have had appointed times for discussing important articles on these subjects.

A summary of the work accomplished follows:—

SOCIAL SERVICE STATISTICS

December 1, 1928, to December 1, 1929.

I. NUMERICAL SUMMARY OF CASES:

| | HOSPITAL CASES | | | | COMMUNITY CASES | | TOTALS | | |
|---------------------------------------|----------------|-----|--------------|-----|---------------------------|----|--------|-----|-----|
| | House Patients | | Out-Patients | | Clinic Cases ¹ | | | | |
| | M. | F. | M. | F. | M. | F. | M. | F. | T. |
| 1. New Cases. | 138 | 121 | 96 | 97 | 42 | 35 | 276 | 253 | 529 |
| 2. Renewed cases from previous years. | 3 | 6 | 8 | 5 | 1 | 4 | 12 | 15 | 27 |
| 3. Renewed cases within the year | 2 | 6 | 4 | 10 | — | — | 6 | 16 | 22 |
| 4. Continued cases from previous year | 71 | 44 | 104 | 93 | 82 | 90 | 257 | 227 | 484 |
| 5. Cases closed during year. | 134 | 100 | 122 | 107 | 45 | 35 | 301 | 242 | 543 |
| 6. Cases continued to following year | 80 | 77 | 90 | 98 | 80 | 94 | 250 | 269 | 519 |

¹ This does not include hospital cases reporting to community clinics.

II. SOURCES OF NEW CASES:

Number of cases referred by physicians, 463; by community agencies, 8; by friends or relatives, 2; by initiative of patients, 1.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred:—

- Histories of patients — taken at hospital, 121; taken outside hospital, 114.
- Investigation — conduct disorders, 74; employment situation, 9; home conditions, 49; statements of patients, 32; statements of others, 38.
- Supervision — in home, 451; in industry, 68; in community, 2.
- Care of patients' families, 0.
- Personal services, 30.
- Placement, 2.

2. Problems:—

- Disease — mental, 554; physical, 81.
- Sex Problems — wayward tendencies, 14.
- Environment — Financial difficulties, 44; employment, 0.

ficulties, 61; unsuitable surroundings, 10. Friction — family, 41; others, 6. Marital difficulties, 38.

- (d) Personality Problems — temperament, 68; anti-social habits, 35; vacillating interests, 7.
- (e) Educational Problems — Readjustment habits of mind, 57; Recreation, church, social relationships, 45.
- (f) Legal Problems — Concerning property or support, 1; resulting from conduct of patient, 1; resulting from conduct of others, 1.

IV. SERVICE RENDERED:

1. Medical: —

Contribution of information *re*: medical history, 256; home conditions, 499; condition of out-patients, 417. Arrangements for medical assistance, 2.

2. Social:

Adjustments for Patients — Environment, 3; personal relations, 6; in industry, 2; in recreation, 2. Advice — to relatives, 214; to patients, 235; to others, 43. Connecting with Agencies — 218; with individuals, 954. Family assistance — legal, 1; miscellaneous, 7. Personal Services — 55. Placement work — home, 4; industry, 4. Psychological tests to hospital patients, 50; to prisoners, 10.

V. SUPERVISION WORK:

- 1. Number of Patients on visit last day previous year, 197; discharged from visit during year, 148. Visits — To patients on ward, 213; to patients on visit, 419; to relatives or friends, 251; to social agencies, 124; to others, 22.
- 2. Family Care Patients —
Number patients visited, 20; replaced, 1; returned, 2.
Number boarding homes investigated, 4. Christmas boxes sent, 7.

VI. CLINIC WORK:

- 1. Hospital Clinics — Number of interviews with patients, 164, hospital patients reporting to New Bedford Clinic; with relatives, 138.
- 2. School Clinics — Number attended, 60; Psychological tests, 332
School tests, 25. Miscellaneous Work — Arrangements made for 15 clinics, 55 contacts with Superintendents and principals, instructions to school nurses.
- 3. Community Clinics — Number attended, 90; interviews with patients, 133; with others, 162. Psychological tests, 84.

VII. MISCELLANEOUS:

- 1. Amount of Expense Account — School or Community Clinic Work, \$47.33; Hospital Work, \$307.99.
- 2. Account of Time — Number of days in Hospital, 420; days outside Hospital, 424; days spent in School Clinic Work, 64½; days spent in Community Clinic Work, 64½.

VIII. SPECIAL FEATURES:

- 15 lectures on Social Service to Nurses Training Schools.
- 18 articles on Social Service selected for special study.

CONFERENCES.

Family hospital conferences. Monthly conferences at State House. Saturday conferences at State House. Meetings of Round Table or Psychiatric Social Workers. Conference on Mental Hygiene in Public Health and Social Service. George Baker Demonstration at Massachusetts Civic League. Boston Conference of Special Teachers. Massachusetts Conference of Social Workers. Annual Meeting of Mental Hygiene Society.

OUT-PATIENT DEPARTMENT.

We have continued throughout the year, our Out-Patient Clinics at New Bedford, Attleboro and Taunton and are now re-opening the Fall River Clinic which will be a great convenience for our patients on visit in that city and will also, we understand, be welcomed by those who have new cases to present. We have examined about the same number of cases in New Bedford this year as last; but since there has been a curtailment of workers in several of the agencies that availed themselves of our services most frequently, we feel that this number should be considered as an advance.

In our School Clinic work, we have given examinations in all but one of the towns in our district. This town, while not yet ready for the regular clinic, sends individual pupils to us for examination. As we return to the different schools from year to year, it is encouraging to note that effort has been made to carry out our advice as far as town facilities permit.

A summary of the work accomplished follows: —

Mental Clinics.

Source of Cases: —

| |
|--|
| Children's Aid Society, 12 |
| Family Welfare Society, 8 |
| Private Physicians through a Welfare Organization, 3 |
| Department of Public Welfare (Attleboro) 0 |
| Society for Prevention of Cruelty to Children, 2 |
| Catholic Welfare Bureau, 10 |
| International Institute, 2 |
| Self or Immediate Family, 2 |
| Taunton State Hospital, 179 |
| Other Hospitals, 10 |
| Other Sources, 51 |

1. New Bedford —

| New Cases — | | Total Visits — | |
|-------------|----|----------------|--|
| Male..... | 28 | Male.... | |
| Female..... | 27 | Female..... | |
| Total..... | 55 | Total..... | |

2. Fall River — (Temporarily closed. To be re-opened on January 15, 1938)

3. Taunton —

| New Cases — | | Total Visits — | |
|-------------|----|----------------|--|
| Male..... | 10 | Male..... | |
| Female..... | 2 | Female..... | |
| Total..... | 12 | Total..... | |

4. Attleboro —

| New Cases — | | Total Visits — | |
|-------------|---|----------------|--|
| Male..... | 5 | Male..... | |
| Female..... | 3 | Female..... | |
| Total..... | 8 | Total..... | |

| | |
|------------------------------|----|
| Male cases seen (new)..... | 43 |
| Female cases seen (new)..... | 32 |

Total..... 75

| | |
|------------------------------|-----|
| Male visits to clinic..... | 131 |
| Female visits to clinic..... | 157 |

Total visits to clinic..... 288

School Clinics.

Number of towns visited, 17
 Number of new cases examined, 278
 Number of cases re-examined, 28
 Number of complete cases, 289
 Number of incomplete cases, 17
 Number of cases for institutional care, 13
 Number of cases recommended to leave school and find suitable employment, 7
 Number of cases recommended for special class, 167
 Number of cases advised to continue in grade, 102

OPERATING ROOM

The operating room has been very active in the service of the hospital there having been performed 15 major operations. It has also had charge of the anti-syphilitic treatments and dressing-rooms.

A detail of the work follows:

| Anti-syphilitic treatments: | Male | Female | Total |
|----------------------------------|------|--------|-------|
| phenamine | 224 | 87 | 311 |
| mercury | 378 | 134 | 512 |
| iods | 333 | 275 | 608 |
| nals | 72 | 26 | 98 |
| potassium Iodide | 32 | 16 | 48 |
| new cases on treatment | 8 | 6 | 14 |
| old cases | 29 | 15 | 44 |
| continued | 3 | 3 | 6 |

Operations: Tonsillectomy, 2; incision into arm for hemorrhage, 1; amputation, 2; appendectomy, 2; ischio rectal abscess incised, 2; osteomyelitis of jaw curetted, 1; incision of severe infection of hand, 3; intestinal obstruction, cast applied, 3; exploratory laparotomy, 2; ovarian cyst removed, 3; hysterotomy, 3; sutured laceration of neck and scrotum, 1; eye enucleation, 1; metal needle removed, 1.

Miscellaneous: Inoculation, 569; vaccination, 2,066; dressing, 2,929; sterilization, 41.

DENTAL DEPARTMENT

This department has continued to take care of the dental needs of the patient population. The practice of employing a dental intern during the summer helps a great deal in bridging over the vacation period and in preserving the continuity of the work.

Byron H. Strout, D.D.S., who has acted as unofficial consultant for many years was duly made a regular member of our Visiting Staff. He is a man of great knowledge and experience and he has been of much assistance to us in difficult cases.

The following is a report of the work accomplished:

Bridgework: Removed, 5; reset, 4; Davis crown set, 7. Cleaned and scaled, 900; examined and charted, 900; extractions, 837.

Fillings: Amalgam, 485; kryptex, 148; root canal, 5; temporary, 15; zinc phosphate and eugenol, 267.

Plates: Impression, bite, shade, 103; tried in, 31; made, 45; adjusted, 150; repaired, 30; cleaned, 71.

Treatments: Formo-creosol, 11; gums, 46; Howe's silver nitrate, 9; post-operative, 166; pulp removed, 1; root canal, 24; tooth treated, 7.

| | |
|--|---------|
| Examinations taken | 130 |
| Patients with work completed | 1154 |
| Number of visits | 3442 |
| Number of operations | 4245 |
| Average operation per patient | 5.91 |
| Number of patients treated for the first time | 718 |
| Number of extractions and fillings on new patients | 538-447 |

| | |
|--|-----|
| Percentage of patients with work O. K..... | 91 |
| Percentage of patients unable to receive attention..... | 8 |
| Percentage of patients with work to be done..... | |
| Percentage of new admissions needing dental attention..... | 52 |
| Number of patients receiving dental attention other than examination and cleaning..... | 7 |
| Number of patients needing no dental attention on November 30 (exclusive of plates and no teeth)..... | 9 |
| Patients wearing plates..... | 3 |
| Number of sets of false teeth..... | 4 |
| Patients needing no dental attention (because of plates and no teeth)..... | 3 |
| Patients wearing crowns and bridgework..... | 3 |
| Number of bridges, crowns and pivots..... | 6 |
| Number of artificial appliances..... | 9 |
| Average number of patients treated daily..... | 12. |
| Average number of operations per day..... | 15. |
| Number of days office open..... | 2 |
| Number of patients with no teeth..... | 1 |
| Number of patients needing no dental attention other than cleaning during the year (exclusive of plates and no teeth)..... | 3 |

X-RAY DEPARTMENT

During the past year, the work in this Department has continued and all work referred by the Medical Staff has been taken care of adequately. Following the disaster in Cleveland, a special fire-proof room was taken over as a storeroom for X-ray films and suitable precautions were enforced regarding the possibility of this hazard.

The following books have been added to the library: "Modern X-ray Technique", by E. Jermeyer; "Roentgenology", by Kohler; "Clinical Roentgenology", "Diseases of the Chest", by Jacques and Wessler.

The following record of cases is appended: Hand, 20; wrist, 13; elbow, arm, 1; shoulder, 16; foot, 10; ankle, 21; knee, 7; nose, 3; hip, 24; leg, spine, 7; pelvis, 9; gall bladder, 1; R. U. V., 2; femur, 1; gastro-intestinal, acc. sinuses, 7; chest, 80; ribs, 15; skull, 23; foreign bodies, 1; colon, 1; teeth, 130; pregnancy, 1; total, 400.

PHYSICAL THERAPY

Last year, a department devoted to physical therapy was opened, a room on the third floor of the male side, being equipped for this purpose. A Hanau Quartz Lamp and an Infra Red Lamp were installed and have been in daily operation, and we have found manifest improvement in the suitable cases referred by the Staff physicians. Recently, a similar department on the female side has been opened. Thus all patients can now be referred and receive treatment indicated. The following equipment has been installed on the female side and will be in use shortly: One Ultra-Violet Lamp, one Infra Red Lamp and one Diathermy machine. A recent edition of Stewart's "Physiotherapy" has been added to the library.

The following is a report of the activities of the Physical Therapy Department for the past year:

Number of cases referred for treatment, 32.

Number of treatments by Ultra-Violet Therapy, 763.

Number of hours, 197½.

Number of treatments by Infra Red Therapy, 110.

Number of hours, 27¼.

HYDROTHERAPY

This department is now operating 14 continuous baths, 4 pack rooms and completely equipped hydriatic suites, one on each service. It is a very active department and is worked to its capacity at all times. During the year continuous baths have been operated a great deal of the time at night, thus benefiting many disturbed patients.

A detail of the treatments given follows:

| <i>Tonic Baths</i> | | | |
|---|-------|--------|-------|
| | Male | Female | Total |
| Hot glows | 668 | 322 | 1,000 |
| Hot baths as preparatory treatments | 59 | 122 | 181 |
| Hot and cold to spine | 620 | 693 | 1,313 |
| omentation to the abdomen | 0 | 63 | 63 |
| omentation to the back | 35 | 22 | 57 |
| Wet mitten friction | 12 | 181 | 193 |
| Hot bath | 131 | 45 | 176 |
| Electric light baths | 181 | 308 | 489 |
| Medicinal shampoos | 786 | 768 | 1,554 |
| Hot shampoos | 758 | 721 | 1,479 |
| Needle sprays | 2,500 | 2,516 | 5,016 |
| Hot douches | 2,384 | 2,288 | 4,672 |
| Hot douches | 453 | 427 | 880 |
| Hot douches | 783 | 712 | 1,495 |

| <i>Continuous Baths</i> | | | |
|------------------------------|--------|----------------------|----------------------|
| Number of patients | 138 | 238 | 376 |
| Number of baths | 2,361 | 3,756 | 6,117 |
| Number of hours | 19,718 | 27,870 $\frac{3}{4}$ | 47,588 $\frac{3}{4}$ |

| <i>Wet Sheet Packs</i> | | | |
|------------------------------|----------------------|----------------------|--------|
| Number of patients | 349 | 269 | 618 |
| Number of packs | 8,878 | 7,407 | 16,285 |
| Number of hours | 29,861 $\frac{1}{4}$ | 20,693 $\frac{3}{4}$ | 50,555 |

OCCUPATIONAL THERAPY

The Occupational Therapy Department employed during the year, one director, three aides and one physical director. In June, a physical education program was opened under the direction of a trained worker. The position of director of music made vacant in November of last year, has not been filled.

Classes have been held daily in the Occupational Therapy Classroom, on the receiving wards, on E. C. 2, E. C. 6, E. C. 8, both infirmaries and on the tubercular wards. Physical education classes have been organized on E. C. 3 and E. G. 8 and a group of about 20 patients has been taken daily to the chapel for exercises, games and dancing. Besides classwork, patients assisted during the summer under the supervision of the occupational therapy aides, in the picking of beans and berries.

This form of treatment is very much enjoyed by the patients and is producing very good results. Prescription cards are made out by the physicians in charge of the wards and monthly progress notes are written by aides in charge of the classes.

All recreational activities for both patients and employees are under the supervision of this department. The holiday season was greatly enjoyed, the hospital being appropriately decorated and everything being done to provide a happy Christmas for our patients. The following people very kindly contributed to the entertainment fund: Elmer I. Wheeler, Edward Diskin, Margaret Smith, Mrs. Mary A. Waldron, Mrs. D. A. Bayne, Mrs. Dora Levy, J. K. Kerrigan, Emma C. Thompson, Mrs. Abbie L. Bates, Patrick Nelson, Mrs. P. H. Rogers, Miss Rose, S. M. Stone, Mrs. Elizabeth C. M. Gifford, Mr. and Mrs. Lane, Mrs. Sarah M. Ward, Mrs. A. M. Pierce, Mrs. Jennie Blackmer, Harvey C. Thompson, Grace M. Vincent. Special dances were held at Christmas time, on January 8, February 22, March 17, April 16 and May 23. On June 27, a reception was given in honor of Mr. F. W. Boynton, the retiring treasurer. The weekly dances were held regularly until the latter part of June. On July 4, a Field Day program was arranged including various games and professional entertainers. Two special whist parties were given for the patients on August 8 and

September 18 and a Halloween party was very much enjoyed. Music for most of these affairs was provided by the hospital orchestra which is composed of patients and employees.

The following schedule shows the number of patients treated during the year

Under treatment at beginning of the year, 202.

Admissions to classes during the year, 598.

Cases previously treated, 275.

Cases not previously treated, 323.

Cases transferred, 297.

Cases discontinued, 149.

Cases died, 11.

Cases discharged, 53.

Remaining under treatment at end of year, 290.

The following articles were made: 411 rugs; 27 baskets; 24 book-ends; reed jardinières; 7 foot-stools; 7 coat-hangers; 12 door-stops; 195½ dozen crepe paper flowers; 4½ dozen crepe paper napkins; 325 runners; 190 embroidered squares; 52 doilies; 428 pillow tops; 5 table covers; 9 chair-backs; 1 4-piece vanity set; 12 dish mats; 51 face-cloths; 2 silk bags; 2 belts; 2 key cords; 5 chair-seats; 10 mats; 7 towels; 18 knitted shoulderettes; 40 posters; 5 emblems; 14 shields; 16 fancy basket cut-outs.

SCHOOL OF NURSING

The School of Nursing has had an active and more hopeful year than that of recent years. Connected with the School are 16 graduate nurses, 2 senior students, 2 intermediates, 8 juniors and 6 affiliate nurses.

In February, the first students for affiliation were received from the Mortimer Hospital and since that time, the Schools of Fall River General Hospital and the Sturdy Memorial Hospital of Attleboro, have affiliated, each sending two students every three months.

Two nurses received diplomas of graduation in November but because of the chapel being out of function no graduation exercises were held.

During the year, 395 hours of lecture and 877 hours of recitation and demonstration were given to nurses.

The work of the School creates the necessity of a great many lectures from the Medical Staff and workers in other departments which have been given unstintingly and with a great manifestation of enthusiasm.

With a full staff of graduate nurses and with renewed effort, the prospect for the progress of the School is one of optimism.

LABORATORY

This department has continued to function very well from the clinical standpoint as we have had the services of a well-trained technician throughout the year.

The vacancy left by the resignation of our pathologist in the summer, has reduced the research and experimental work to a great degree. We are hoping that this position will be filled in the near future. Our autopsies at the present time, are being performed by the Department's pathologist, Dr. Marjorie Fulst, to whom we are very grateful for this service.

The following is a list of the work accomplished: Urine analyses, 1,687; spinal fluids, 92; blood sugars, 89; blood N. P. N., 89; blood urea nitrogen, 80; renal function, 13; white blood counts, 1,107; complete blood counts, 473; smears, 2; cultures, 120; sputums, 23; feces, 25; basal metabolism, 3; blood calciums, 10; tissue slides, 10; stomach contents, 5; quantitative sugars, 49; quantitative albumin, 5; urine acetones, 12; diacetic acid, 8; Von Pirquet test, 1; autogenous vaccines, 5; Van Den Berg, 5; icterus index, 5; permeability, 2; autopsies, 1; Mosenthal test, 1; creatinin, 1; coagulation, 1.

RELIGIOUS SERVICES

The program for Sunday services has been the same this year as previously, the Catholic clergymen officiating in the morning and the Protestant in the afternoon.

noon with special services at each of the colonies.

The following clergymen have visited the hospital when needed and had charge services from time to time: Rev. John Sullivan, Rev. Vincent McCarthy, Rev. Francis McCarthy, Rev. Frank McAllister, Rev. Douglas Swaffield, Rev. Charles Martin, Rev. Dan Fenn, Rev. Walter Tourtelott, Rev. E. A. Burnham, Rev. H. M. Medary, Rev. M. E. Barrett, Rev. E. H. Green, Rev. Charles Martin, Rev. William A. Haney, Rev. Robert Roberts.

LIBRARY

During the past year, the additions to the library by purchase have been 235, by gift, 127.

The program of discarding antiquated books of fiction and books not suitable for a hospital library, has been continued. The discarded books have been replaced by books of current fiction by well-known authors and books of non-fiction, works of great value now attainable at moderate prices in the Modern Library, Star Dollar Series, etc. As a result, the weekly circulation has increased 146 volumes.

In its new quarters, with modern equipment and the books classified by the Dewey Decimal System the average circulation has already shown an increase. The regulation system of getting books to all patients who desire them has been started — a fixed number of books going to certain wards and the books being returned and exchanged at regular intervals. During the coming year, this plan is to be greatly enlarged as soon as typewritten catalogues, and annual supplements can be furnished.

The gifts of magazines for the patients have continued as usual. The quality of these gifts this year has been exceptionally good. Following is a list of the contributors:

Mrs. L. Southworth, Mrs. Pero, Mrs. Thurrett, Mrs. Mary B. Besse, Mrs. A. C. Bent, Mrs. T. M. Smith, Mrs. Wm. Davenport, Mrs. Zilpha Chace, Mr. C. H. Robertson, Mrs. Bertha J. Washburn, Mrs. Dunbar, H. S. Tait, M.D., Miss Mabel Holmes, Mrs. Charles Nichols, Mrs. Leonard, Mrs. LaCroix, Mrs. Richard Herndon, Sr., Mrs. Ella R. Burt, Mrs. D. J. Elliott, Mrs. Slade, Brownell and Art, Dr. Wm. F. Wyatt, Mrs. F. E. Francis, Rabbi Jonas Kamin, Mrs. Elizabeth M. Gifford, Mr. A. C. Bent, Mrs. G. Cotter, Mr. E. Russell Davol, Mrs. A. Morris, Simon and Schuster, Inc., Mrs. L. Godfrey, Mrs. Phillips, Mr. F. P. Callahan, Mrs. C. H. Sebasa, Mrs. Joseph Rose, Mrs. Blevins, Mrs. M. M. Wright, Miss Louise Hern, Mrs. Edward E. Cole, Mrs. T. J. Smith, Houghton Mifflin Company, Mr. Hastings.

FARM.

The activities of the farm have progressed satisfactorily during the past year, despite the fact that the farmer was somewhat hindered by a rather severe drought. As a result of this, the vegetables produced, were delayed in their growth some but when they were prepared for the root cellar, it was found that they were better than usual in quality.

The swine and the poultry have done very well during the past year. Early in the year, we purchased a thoroughbred Duroc jersey boar and 18 thoroughbred Duroc jersey sows. This we expect to use as a nucleus for the establishment of a thoroughbred herd.

Our dairy herd has not produced quite as much milk on the average, but this is due to the fact that we have a number of cows that must be replaced and there is no question but what this matter will be remedied during the coming year as we intend to purchase some cows and we have a number of heifers coming.

During the year, we have added to our tillable land, about 5 acres. This land was cleared during the winter and is a part of the tract purchased last year. It was planted to potatoes and yielded a large crop of very fine quality.

The following is a detail of the farm production: Milk, 262,006 9-10 qts; eggs, 9,572 1-12 doz.; asparagus, 2,206½ lbs.; string beans, 22,809 lbs.; beet 15,707 lbs.; brussels sprouts, 125 lbs.; cabbage, 25,910 lbs.; canteloupes, 1,381 lbs.; carrots, 47,170 lbs.; cauliflower, 256 lbs.; celery, 52 lbs.; swiss chard, 23,817 lbs.; sweet corn, 9,901 lbs.; cucumbers, 1,839 lbs.; kohlrabi, 237 lbs.; lettuce, 2,22 lbs.; onions, 41,508 lbs.; parsnips, 22,278 lbs.; parsley, 4 lbs.; green peas, 1,56 lbs.; peppers, 249 lbs.; pumpkins, 12,420 lbs.; radishes, 211½ lbs.; rhubarb, 1,906½ lbs.; spinach, 2,035 lbs.; summer squash, 4,870 lbs.; winter squash, 36,272 lbs.; tomatoes (ripe), 56,753½ lbs.; tomatoes, (green), 7,161 lbs.; turnip 26,609 lbs.; turnips (green), 1,000 lbs.; apples, 13,845 lbs.; blackberries, 217 lbs.; currants, 1,355½ lbs.; gooseberries, 579½ lbs.; grapes, 1,385 lbs.; pears, 55 lbs.; raspberries, 408 lbs.; strawberries, 3,973¾ lbs.; beef, 8,389 lbs.; pork, 52,427 lbs.; liver, 1,150 lbs.; chicken, 1,407 lbs.; fowl, 2,154 lbs.; broilers, 2,044 lbs.; hams, 116,380 lbs.; ensilage corn, 624,764 lbs.; greenfeed, 274,310 lbs.; potatoes, 173,159 lbs.

INDUSTRIAL DEPARTMENT.

The efficiency of this department has continued. The articles manufactured are of good quality and may be considered custom made. For this reason, they are not only much cheaper but much more satisfactory than anything we could purchase.

The scheme of having the mending and sewing rooms adjacent has worked out very well and it is not likely that the return of the mending room to the laundry will be necessary.

We are now at work clearing out a space for our new furniture shop. This will increase the space occupied by the carpenter and make for much more order in that department.

The following is a detail of the work accomplished:

Main Industrial Shop

Manufactured: 779 mattresses; 492 pillows; 742 brooms; 29 mats; 8 coffee cans; 8 soup cans; 8 ash barrels; 241 brushes; 24 cups; 56 pails; 4 stovepipes; 7 hoops; 2 doors; 10 floor pads; 52 meat tins; 4 pie racks; 2 bread boxes; 2 milk cans; 11 waste receivers; 12 garbage pails; 12 oatmeal tins; 2 tubs; 12 paint pots; 1 sauce pan; 15 cushions; 1 wash-tub; 1 coffee percolator; 36 dustpans; 9 barrels; 2 cake tins; 12 diet tins; 11 steamers; 2 dippers; 1 metal run; Hamburg machine; 1 barber's box; 1 radiator; 3 metal plant containers; washtubs.

Repaired: 171 chairs; 10 couches; 5 divans; 29 cushions; 4 parlor sets; ventilator; 1 basket; 26 dippers; 99 coffee cans; 48 sauce pans; 7 ash barrels; 13 ice-cream freezers; 20 tea-kettles; 32 garbage cans; 87 meat tins; 5 covers; 35 sauce pans; 1 scaler; 1 curtain; 39 milk cans; 3 double boilers; 15 paint cans; 5 dish pans; 4 dirt cans; 1 brush; 1 potato cutter; 15 kettles; 1 butter cut; 3 teapots; 3 potato tubs; 12 clocks; 1 table; 1 gasoline tank; 14 diet tins; 1 refrigerator; leakage; metal in elevator shaft; 1 refrigerator; 2 ice-boxes; 3 iron pans; thermos; 1 ventilator.

Tailor Shop:

Manufactured: 445 coats; 442 pants; 2 vests; 253 rugs; 176 aprons; window curtains; 2 overcoats; 1 uniform; 24 mittens. *Repaired:* 2,329 coats; 2,594 pants; 1,794 vests; 8 carpets; 70 tub covers; 34 overcoats; 11 suits; 15 rugs; 1 movie screen; 5 blankets; 13 mattresses; 1 baseball back-stop; 80 hats; 4 pillows.

Shoe Shop:

Manufactured: 737 prs. men's shoes; 260 prs. women's shoes; 168 prs. moccasins; 124 prs. men's slippers; 18 ball bag handles; put on 1,190 heels. *Repaired:* 118 prs. lifts put on; 815 prs. taps nailed or sewed; 131 heel linings put in; 960 heels; 234 uppers; 159 soles; 194 rips; 11 auto curtains; 73 straps; 75 heels; 4 rubber matting; 2 prs. baseball shoes; 1 mail-bag; 1 clock.

Sewing Room:

Manufactured: 51 1-3 doz. aprons; 73 doz. bibs; 24 doz. bed jackets; 10 blankets; 1½ doz. buttons covered; 8½ doz. bed pan covers; 74 doz. B.V.

3-5 doz. caps; 525 prs. curtains; 1 1-6 doz. coffee bags; 85 cushion covers; pr. drawers; 63 7-12 doz. dresses; 1 doz. flannel compresses; 2 7-12 doz. netlette boots; 36 doz. face cloths; 22 gymnasium suits; $\frac{1}{2}$ doz. gowns for armacist; $2\frac{1}{2}$ doz. glove cases; $\frac{1}{2}$ doz. bathrobes; $3\frac{1}{2}$ doz. hot water bottle covers; 100 hammocks; 1-6 doz. ice-bags; 3 doz. ice-cap covers; 4 doz. ice-collar covers; $1\frac{1}{4}$ doz. ice-bag covers; $7\frac{1}{2}$ doz. holders for kitchen; 3 doz. mittens; $\frac{3}{4}$ doz. laundry bags; $15\frac{1}{4}$ doz. mattress ticks; 364 nurses' cuffs; 24 nurses' gowns; 54 doz. nightshirts; $66\frac{1}{2}$ doz. nightdresses; 33 prs. overdresses; $\frac{1}{2}$ doz. operating gowns; 1-3 doz. operating trousers; $12\frac{1}{2}$ doz. pillows; 308 doz. pillow slips; 7 doz. pillow ticks; 1-6 doz. petticoats; $2\frac{3}{4}$ doz. pajama jackets; $1\frac{3}{4}$ doz. pajama pants; $1\frac{3}{4}$ doz. sleeping hoods; $43\frac{3}{4}$ doz. slips; 102 7-12 doz. shirts; 7 doz. sheets; 10 doz. screen covers; 1 doz. spice bags; 1-3 doz. side strips for curtains; 11 doz. shroud squares; 52 11-12 doz. tablecloths; 1 2-3 doz. tray cloths; 9 7-12 doz. towels; 4 doz. pads; 67 tub covers; 100 prs. tie-backs; 9 doz. utility cases; 31 valences; $4\frac{3}{4}$ doz. window shades; 1 doz. blouses; $4\frac{1}{2}$ doz. covers for springs; $1\frac{1}{2}$ doz. knapsacks; 1-6 doz. spreads; $4\frac{1}{2}$ doz. puffs; 6 doz. napkins.

ending Room:

Repaired: 1,085 aprons; 60 bathrobes; 253 blankets; 2,058 B.V.D.; 1 bed pan cover; 61 bibs; 4 bloomers; 1 belt; 278 white coats; 38 curtains; 36 corset covers; 185 dresses; 3,100 drawers; 3 flags; 138 gowns; 9 holders; 34 hammocks; 2 ice collar covers; 2 ice bag covers; 1,024 laundry bags; 575 mattress ticks; 28 mittens; 28 napkins; 10,768 nightgowns; 368 overalls; 413 pillow slips; 44 pillow ticks; 6 pads; 520 petticoats; 16 sweaters; 10 shawls; 477 slips; 21 sleeping socks; 9,229 stockings; 1,885 sheets; 256 spreads; 6,690 shirts; 427 tablecloths; 71 traycloths; 469 tub covers; 154 trousers; 721 towels; 594 union-suits; 8 window shades; 216 mattress covers; 26 puffs.

REPAIRS AND RENEWALS

The following improvements were made possible by the appropriation under this heading during the past year: new return tank in the boiler room, renovation and improvement of the heating system in the male infirmary, metal shelving for the library, new motor mower, concrete floor in female ward 4, lavatories and bathing rooms renovated on female wards, 4, 5 and 6, continuation of our lock and window screen programs, an additional building to our salvage yard group, new cement mixer, terraza floors in the lavatories and bathrooms in the male nurses' home.

The original conductors which were in the walls, have been replaced by new outside conductors. The old ones were leaking some and the water was getting into the building.

REPAIRS ORDINARY

Much was accomplished with the money appropriated under this heading during the past year and it can be safely said that the buildings are showing a gradual improvement in their condition.

Our painting program is progressing nicely and if we are able to do as well as we have for the last few months, our buildings will all be well painted by spring. Many of the old electric light fixtures which are both unsightly and inefficient, have been replaced by modern ones.

Much has been accomplished in the way of improving upon our heating and plumbing systems.

The copper roofs on the buildings known as the East and West Extensions have been thoroughly repaired. A new roof became necessary on the kitchen at Ham Colony. The roofing program which we have planned during the past years, is approaching completion but with the tremendous area involved, annual repairs are very large even though the roofs are in good condition. We have had some trouble with the main sewer line in the vicinity of the hole which lies on a line between the main building and the nurses' home. This was corrected by the Sewer Department for a nominal sum.

ACKNOWLEDGMENTS

I wish to express appreciation to all those who have contributed to the entertainment of our patients, to our Christmas Fund and to our library, also to the various city departments who have co-operated in every way, and to all those who are interested in the welfare of the hospital. To the members of the Board of Trustees and to all the employees, I am greatly indebted for their continued interest and co-operation.

Respectfully submitted,
RALPH M. CHAMBERS,
SUPERINTENDENT

VALUATION

November 30, 1929

REAL ESTATE

| | |
|---------------------------|--------------------|
| Land, 443 acres | \$55,285 |
| Buildings | 1,037,647 |
| | <u>\$1,092,932</u> |

PERSONAL PROPERTY

| | |
|--|------------------|
| Travel, transportation and office expenses | \$4,797 |
| Food | 14,992 |
| Clothing and Material | 21,439 |
| Furnishings and household supplies | 119,431 |
| Medical and general care | 19,154 |
| Heat, light and power | 10,416 |
| Farm | 37,654 |
| Garage, stables and grounds | 6,584 |
| Repairs | 15,874 |
| | <u>\$250,348</u> |

SUMMARY

| | |
|-----------------------------|--------------------|
| Real estate | \$1,092,932 |
| Personal property | 250,348 |
| | <u>\$1,343,279</u> |

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1929.

CASH ACCOUNT

Receipts

| | |
|--|--------------------|
| <i>Income</i> | |
| Board of Patients | \$70,438.72 |
| | <u>\$70,438.72</u> |
| Personal Services: | |
| Reimbursement from Board of Retirement | 21,439 |
| Sales: | |
| Food | \$4.85 |
| Clothing and Materials | 23.35 |
| Medical and general care | 6.75 |
| Heat, light and power | 22.31 |
| Farm: | |
| Cows and calves | 380.80 |
| Hides | 106.53 |
| Sundries | 26.64 |
| Garage, stable and grounds | 1.35 |
| Repairs, ordinary | 685.09 |
| Repairs and renewals | 104.65 |
| Total sales | <u>1,343.27</u> |
| Miscellaneous: | |
| Interest on bank balances | \$393.09 |
| Rent | 480.00 |
| | <u>\$873.09</u> |
| Board of Employees | 73,500 |
| Total income | <u>\$73,500</u> |

MAINTENANCE

| | |
|---|-----------------|
| Balance from previous year, brought forward | \$10,000 |
| Appropriations, current year: | |
| Original | 585,000 |
| Total | <u>595,000</u> |
| Expenses (as analyzed below) | 575,000 |
| | <u>\$20,000</u> |
| Balance reverting to Treasury of Commonwealth | \$20,000 |

Analysis of Expenses

| | |
|---|--------------|
| Personal services | \$292,584.27 |
| Religious instruction | 1,710.00 |
| Travel, transportation and office expenses | 6,548.31 |
| Food | 106,430.31 |
| Heating and materials | 17,516.50 |
| Furnishings and household supplies | 31,459.27 |
| Medical and general care | 17,825.34 |
| Heat, light and power | 28,270.20 |
| Telephone | 29,614.39 |
| Stable and grounds | 6,732.96 |
| Repairs ordinary | 14,428.35 |
| Repairs and renewals | 22,010.39 |
| Total expenses for Maintenance | \$575,130.29 |
| SPECIAL APPROPRIATIONS | |
| Balance December 1, 1928 | \$116,989.18 |
| Appropriations for current year | 155,000.00 |
| Total | \$271,989.18 |
| Expended during the year (see statement below) | \$145,574.35 |
| Reverting to Treasury of Commonwealth | 145,574.35 |
| Balance November 30, 1929, carried to next year | \$126,414.83 |

| OBJECT | Act or Resolve | Whole Amount | Expended During Fiscal Year | Total Expended to Date | Balance at End of Year |
|--|----------------------|-----------------|-----------------------------------|------------------------------|------------------------------|
| Completion of Storehouse | 138-1927 | \$45,000.00 | \$767.37 | \$44,990.69 | \$9.31 |
| Storehouse Equipment | 138-1927 | 7,500.00 | 2,445.19 | 7,433.76 | 66.24 |
| Employees' Cottage | 138-1927 | 28,000.00 | 21.46 | 27,995.62 | 4.38 |
| Officers' Cottage | 138-1927 | 3,500.00 | — | 3,499.39 | .61 |
| Improvement of Rear Hospital Center, Bakeshop, Dining Hall, etc. | 127-1928 | 253,027.14 | 133,931.20 | 133,989.35 | 119,037.79 |
| Train Land | 146-1929 | 4,000.00 | — | 3,294.37 | 705.63 |
| Kitchen and Cafeteria | 127-1928 | 15,000.00 | 8,409.13 | 8,409.13 | 6,590.87 |
| | -1929 | | | | |
| | | \$356,027.14 | \$145,574.35 | \$229,612.31 | \$126,414.83 |
| Balance carried to next year | | | | | \$126,414.83 |
| Total as above | | | | | \$126,414.83 |

PER CAPITA

During the year the average number of inmates has been 1,492.8631
 Total cost for maintenance, \$575,130.29
 Divided by 52 weeks to a weekly per capita cost of \$7.4087 (52 weeks to year)
 Less receipt from sales, \$1,362.32
 Balance to a weekly per capita of \$0.175
 Add other institution receipts, \$71,801.25
 Balance to a weekly per capita of \$0.9248
 Total weekly per capita \$6.4663

Respectfully submitted,

YVONNE B. PATENAUDE, *Treasurer.*

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year, November 30, 1929

Date of opening as a hospital for mental diseases, 1854.
 Type of hospital: State
 Hospital plant:

Value of hospital property:

Real estate, including buildings \$1,092,932.71
 Personal property 250,345.42

Total

Total acreage of hospital property owned, 443

Total acreage under cultivation during previous year 302

4. Officers and employees:

| | Actually in Service at End of Year | | | Vacancies at End of Year | | |
|--|---------------------------------------|-----|-----|-----------------------------|----|----|
| | M. | F. | T. | M. | F. | T. |
| Superintendents | 1 | - | 1 | - | - | - |
| Assistant physicians | 6 | 1 | 7 | 3 | - | 3 |
| Total physicians | 7 | 1 | 8 | 3 | - | 3 |
| Stewards | 1 | - | 1 | - | - | - |
| Resident dentists | 1 | - | 1 | - | - | - |
| Pharmacists | - | 1 | 1 | - | - | - |
| Graduate nurses | 3 | 16 | 19 | - | - | - |
| Other nurses and attendants | 73 | 70 | 143 | 9 | 8 | 17 |
| Occupational therapists | - | 3 | 3 | - | - | - |
| Social workers | - | 3 | 3 | - | - | - |
| All other officers and employees | 67 | 52 | 119 | - | 5 | 5 |
| Total officers and employees. | 152 | 146 | 298 | 12 | 13 | 25 |

NOTE: — The following items, 5-10 inclusive, are for the year ended September 30, 1929.

5. Census of patient population at end of year

| | Actually in Hospital | | | Absent from Hospital but still on Books | | |
|-----------------------------|----------------------|-----|------|--|----|-----|
| | M. | F. | T. | M. | F. | T. |
| White: | | | | | | |
| Insane. | 735 | 730 | 1465 | 83 | 88 | 176 |
| Mental defectives | - | 2 | 2 | - | - | - |
| All other cases | 1 | - | 1 | - | - | - |
| Total | 736 | 732 | 1468 | 88 | 88 | 176 |
| Other Races: | | | | | | |
| Insane | 21 | 17 | 38 | - | 2 | 2 |
| Total | 21 | 17 | 38 | - | 2 | 2 |
| Grand Total | 757 | 749 | 1506 | 88 | 90 | 178 |

| | Males | Females | Total |
|--|----------|----------|----------|
| 6. Patients under treatment in occupational-therapy classes, including physical training, on date of report. | 78 | 212 | 290 |
| 7. Other patients employed in general work of hospital on date of report | 499 | 480 | 979 |
| 8. Average daily number of all patients actually in hospital during year. | 736.1774 | 753.0195 | 1494.197 |
| 9. Voluntary patients admitted during year. | - | 1 | 1 |
| 10. Persons given advice or treatment in out-patient clinics during year | 119 | 73 | 192 |

TABLE 2. Financial Statement

See Treasurer's report for data requested under this table

NOTE: — The following Tables 3-19, inclusive, are for the statistical year ended September 30, 1929.

| | INSANE | | | SANE VOLUNTARY | | | TEMPORARY CARE AND OBSERVATION | | | TOTAL | | |
|--|--------|-------|-------|----------------|----|----|--------------------------------|----|----|-------|-------|-------|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Patients on books of Institution September 30, 1928 | 814 | 839 | 1,653 | 2 | - | 2 | 6 | 5 | 11 | 822 | 844 | 1,666 |
| Admissions during year: | | | | | | | | | | | | |
| First admissions | 181 | 169 | 350 | - | - | - | 39 | 13 | 52 | 220 | 182 | 402 |
| Readmissions | 40 | 35 | 75 | - | 1 | 1 | 7 | - | 7 | 47 | 36 | 83 |
| Transfers from other hospitals for mental diseases | 4 | 4 | 8 | - | - | - | - | - | - | 4 | 4 | 8 |
| Total received during year | 225 | 208 | 433 | - | 1 | 1 | 46 | 13 | 59 | 271 | 222 | 493 |
| Total on books during year | 1,039 | 1,047 | 2,086 | 2 | 1 | 3 | 52 | 18 | 70 | 1,093 | 1,066 | 2,159 |
| Discharged from books during year: | | | | | | | | | | | | |
| As recovered | 20 | 12 | 32 | - | - | - | 18 | 4 | 22 | 38 | 16 | 54 |
| As improved | 80 | 64 | 144 | 1 | - | 1 | 3 | 1 | 4 | 84 | 65 | 149 |
| As unimproved | 4 | 5 | 9 | - | - | - | 5 | - | 5 | 9 | 5 | 14 |
| As without psychoses. | 1 | 1 | 2 | - | 1 | 1 | 17 | 6 | 23 | 18 | 8 | 26 |
| Transferred to other hospitals for mental diseases | 8 | 45 | 53 | - | - | - | - | - | - | 8 | 45 | 53 |
| Died during year | 84 | 86 | 170 | 1 | - | 1 | 6 | 2 | 8 | 91 | 88 | 179 |
| Total discharged, transferred and died during year | 197 | 213 | 410 | 2 | 1 | 3 | 49 | 13 | 62 | 248 | 227 | 475 |
| Insane patients remaining on books of hospital at end of hospital year | 755 | 745 | 1,500 | - | - | - | 2 | 4 | 6 | 757 | 749 | 1,506 |
| In hospital | 88 | 89 | 177 | - | - | - | - | 1 | 1 | 88 | 90 | 178 |
| On parole or otherwise absent | 843 | 834 | 1,677 | - | - | - | 2 | 5 | 7 | 845 | 839 | 1,684 |
| Total on books September 30, 1929* | | | | | | | | | | | | |

*Owing to a change of criteria, to prevent the counting of one patient twice on successive statistical years, the totals in the Insane and Temporary Care columns will not balance for the statistical year 1929, but will balance in future years.

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

| NATIVITY | PATIENTS | | | PARENTS OF MALE PATIENTS | | | PARENTS OF FEMALE PATIENTS | | |
|-------------------------------|----------|-----|-----|--------------------------|---------|--------------|----------------------------|---------|--------------|
| | M. | F. | T. | Fathers | Mothers | Both Parents | Fathers | Mothers | Both Parents |
| United States | 102 | 94 | 196 | 44 | 43 | 37 | 52 | 50 | 44 |
| Austria | 2 | 2 | 4 | 2 | 2 | 2 | 1 | 1 | 1 |
| Canada ¹ | 21 | 22 | 43 | 36 | 37 | 34 | 27 | 32 | 25 |
| England | 11 | 7 | 18 | 18 | 18 | 16 | 11 | 12 | 10 |
| Finland | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| France | 2 | — | 2 | 1 | 1 | 1 | — | — | — |
| Germany | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 |
| Greece | 4 | — | 4 | 4 | 4 | 4 | — | — | — |
| Ireland | 10 | 13 | 23 | 21 | 24 | 19 | 24 | 23 | 22 |
| Italy | 2 | 7 | 9 | 5 | 5 | 5 | 10 | 10 | 10 |
| Norway | — | — | — | — | — | — | 1 | — | — |
| Poland | 7 | 3 | 10 | 7 | 7 | 7 | 5 | 5 | 5 |
| Portugal | 13 | 10 | 23 | 22 | 20 | 20 | 12 | 12 | 12 |
| Russia | — | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Scotland | 1 | 4 | 5 | 4 | 1 | 1 | 6 | 5 | 5 |
| South America | — | — | — | — | — | — | 1 | — | — |
| Sweden | 2 | 1 | 3 | 3 | 4 | 3 | 2 | 3 | 2 |
| Other countries | 2 | — | 2 | 2 | 2 | 2 | — | — | — |
| Unascertained | — | 2 | 2 | 8 | 9 | 8 | 11 | 10 | 10 |
| Total | 181 | 169 | 350 | 181 | 181 | 163 | 169 | 169 | 152 |

¹ Includes Newfoundland.

TABLE 4-A. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.

| Age Groups | FOREIGN BORN | | | | | | | | | | | | |
|-------------------|--------------|--|-----------|----------|----------|----------|----------|-----------|---------------|-----------|-------------|-------------------|------------------------|
| | Aggregate | TIME IN UNITED STATES BEFORE ADMISSION | | | | | | | | | | | |
| | | Total | PARENTAGE | | | | | Total | Under 5 years | 5-9 years | 10-14 years | 15 years and over | Nativity unascertained |
| | | | Native | | Foreign | | Mixed | | | | | | |
| | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | M. F. T. | |
| Under 15 years . | 1 2 3 | 1 2 3 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | |
| 15-19 years . | 7 5 12 | 5 5 10 | 2 2 4 | 5 3 8 | 2 2 4 | 5 3 8 | 2 2 4 | 2 2 4 | 2 2 4 | 2 2 4 | 2 2 4 | 2 2 4 | |
| 20-24 years . | 14 9 23 | 10 9 19 | 2 2 4 | 5 3 8 | 3 1 4 | 11 4 15 | 3 1 4 | 1 1 2 | 1 1 2 | 1 1 2 | 1 1 2 | 1 1 2 | |
| 25-29 years . | 19 13 32 | 15 8 23 | 6 2 8 | 7 4 11 | 1 2 3 | 4 5 9 | 1 2 3 | 4 5 9 | 4 5 9 | 4 5 9 | 4 5 9 | 4 5 9 | |
| 30-34 years . | 16 16 32 | 12 14 26 | 3 4 7 | 4 5 9 | 1 2 3 | 2 1 3 | 1 2 3 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | |
| 35-39 years . | 11 12 23 | 3 5 8 | 2 3 5 | 2 1 3 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | |
| 40-44 years . | 17 11 28 | 5 5 10 | 2 3 5 | 2 1 3 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | |
| 45-49 years . | 10 13 23 | 6 4 10 | 1 3 4 | 4 1 5 | 1 1 1 | 1 1 1 | 1 1 1 | 4 9 13 | 4 9 13 | 4 9 13 | 4 9 13 | 4 9 13 | |
| 50-54 years . | 15 18 33 | 7 7 14 | 1 5 6 | 3 1 4 | 1 1 2 | 2 2 4 | 1 1 2 | 8 11 19 | 8 11 19 | 8 11 19 | 8 11 19 | 8 11 19 | |
| 55-59 years . | 13 7 20 | 7 4 11 | 3 2 5 | 1 2 3 | 3 3 6 | 3 3 6 | 3 3 6 | 6 3 9 | 6 3 9 | 6 3 9 | 6 3 9 | 6 3 9 | |
| 60-64 years . | 11 8 19 | 7 1 8 | 3 1 4 | 4 1 5 | 1 1 1 | 1 1 1 | 1 1 1 | 4 7 11 | 4 7 11 | 4 7 11 | 4 7 11 | 4 7 11 | |
| 65-69 years . | 11 16 27 | 6 5 11 | 2 3 5 | 3 1 4 | 1 1 1 | 1 1 1 | 1 1 1 | 5 11 16 | 5 11 16 | 5 11 16 | 5 11 16 | 5 11 16 | |
| 70 years and over | 36 39 75 | 18 25 43 | 13 17 30 | 2 4 6 | 1 2 3 | 1 2 3 | 1 2 3 | 18 14 32 | 18 14 32 | 18 14 32 | 18 14 32 | 18 14 32 | |
| Total . | 181 169 350 | 102 94 196 | 37 45 82 | 43 29 72 | 16 15 31 | 6 5 11 | 6 5 11 | 79 75 154 | 4 - 4 | 6 3 9 | 1 1 2 | 68 69 137 | |
| | | | | | | | | | | | | - 2 2 | |

TABLE 5. *Citizenship of First Admission*

| | Males | Females | Total |
|--------------------------------------|-------|---------|-------|
| Citizens by birth | 102 | 94 | 196 |
| Citizens by naturalization | 32 | 22 | 54 |
| Aliens | 37 | 38 | 75 |
| Citizenship unascertained | 10 | 15 | 25 |
| Total | 181 | 169 | 350 |

TABLE 6. *Psychoses of First Admissions*

| PSYCHOSES | M. | F. | T. | M. | F. | T. |
|--|----|----|----|-----|-----|-----|
| 1. Traumatic psychoses | | | | 2 | — | 2 |
| 2. Senile psychoses | | | | 16 | 32 | 48 |
| 3. Psychoses with cerebral arteriosclerosis | | | | 29 | 22 | 51 |
| 4. General paralysis | | | | 25 | 6 | 31 |
| 5. Psychoses with cerebral syphilis | | | | 2 | 1 | 3 |
| 6. Psychoses with Huntington's chorea | | | | — | 1 | 1 |
| 7. Psychoses with brain tumor | | | | — | — | — |
| 8. Psychoses with other brain or nervous diseases, total | | | | 4 | 4 | 8 |
| Other diseases | 4 | 4 | 8 | | | |
| 9. Alcoholic psychoses, total | | | | 28 | 3 | 31 |
| Delirium tremens | 5 | — | 5 | | | |
| Korsakow's psychosis | 1 | — | 1 | | | |
| Acute hallucinosis | 10 | 1 | 11 | | | |
| Other types, acute or chronic | 12 | 2 | 14 | | | |
| 10. Psychoses due to drugs and other exogenous toxins, total | | | | — | 1 | 1 |
| Other exogenous toxins | — | 1 | 1 | | | |
| 11. Psychoses with pellagra | | | | — | — | — |
| 12. Psychoses with other somatic diseases, total | | | | 4 | 5 | 9 |
| Cardio-renal diseases | 2 | — | 2 | | | |
| Other diseases or condition | 2 | 5 | 7 | | | |
| 13. Manic-depressive psychoses, total | | | | 7 | 16 | 23 |
| Manic type | 4 | 12 | 16 | | | |
| Depressive type | 3 | 3 | 6 | | | |
| Other types | — | 1 | 1 | | | |
| 14. Involution melancholia | | | | 5 | 15 | 20 |
| 15. Dementia praecox (schizophrenia) | | | | 45 | 46 | 91 |
| 16. Paranoia and paranoid conditions | | | | 2 | 9 | 11 |
| 17. Epileptic psychoses | | | | 3 | — | 3 |
| 18. Psychoneuroses and neuroses, total | | | | 1 | 3 | 4 |
| Hysterical type | — | 1 | 1 | | | |
| Psychasthenic type (anxiety and obsessive forms) | — | 2 | 2 | | | |
| Other types | 1 | — | 1 | | | |
| 19. Psychoses with psychopathic personality | | | | 2 | 1 | 3 |
| 20. Psychoses with mental deficiency | | | | 5 | 3 | 8 |
| 21. Undiagnosed psychoses | | | | — | 1 | 1 |
| 22. Without psychosis, total | | | | 1 | — | 1 |
| Psychopathic personality without psychosis | 1 | — | 1 | | | |
| Total | | | | 181 | 169 | 350 |

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

| RACE | Total | | | Trau- matic | | | Senile | | | With cerebral arterio- sclerosis | | | General paralysis | | |
|------------------|-------|-----|-----|----------------|----|----|--------|----|----|---|----|----|----------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| American (black) | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| American Indian | - | 1 | 1 | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| Argentinian | - | 1 | 1 | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| Austrian | 60 | 61 | 121 | - | - | - | 9 | 15 | 24 | 10 | 11 | 21 | 8 | 1 | 9 |
| Belgian | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Bohemian | 31 | 24 | 55 | - | - | - | 4 | 3 | 7 | 6 | 3 | 9 | 5 | 2 | 7 |
| Brazilian | 1 | 2 | 3 | - | - | - | - | - | - | 1 | 1 | 2 | - | - | - |
| British | 4 | - | 4 | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Canadian | 1 | 4 | 5 | - | - | - | - | 1 | 1 | - | 1 | 1 | - | - | - |
| Chinese | 20 | 20 | 52 | - | - | - | 2 | 7 | 9 | 8 | 3 | 11 | 2 | 3 | 5 |
| Danish | 5 | 10 | 15 | - | - | - | - | - | - | - | 1 | 1 | 2 | - | 2 |
| French | 21 | 13 | 34 | - | - | - | - | - | - | - | - | - | 5 | - | 5 |
| German | 3 | 3 | 6 | - | - | - | - | - | - | - | - | - | - | - | - |
| Greek | 1 | 7 | 8 | - | - | - | - | 2 | 2 | - | - | - | - | - | - |
| Irish | 12 | 6 | 18 | - | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Italian | 14 | 7 | 21 | 1 | - | 1 | - | 3 | 3 | 4 | - | 4 | 2 | - | 2 |
| Japanese | 1 | 1 | 2 | - | - | - | 1 | - | 1 | - | 1 | 1 | - | - | - |
| Total | 181 | 169 | 350 | 2 | - | 2 | 16 | 32 | 48 | 29 | 22 | 51 | 25 | 6 | 31 |

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued.*

| RACE | With cerebral syphilis | | | With Huntington's chorea | | | With other brain or nervous diseases | | | Alcoholic | | | Due to drugs and other exogenous toxins | | |
|------------------|---------------------------|----|----|--------------------------------|----|----|---|----|----|-----------|----|----|--|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| American (black) | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| American Indian | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Argentinian | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Austrian | 1 | - | 1 | - | 1 | 1 | 1 | - | 1 | 6 | - | 6 | - | - | - |
| Belgian | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Bohemian | - | 1 | 1 | - | - | - | - | - | - | 6 | - | 6 | - | 1 | 1 |
| Brazilian | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| British | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Canadian | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Chinese | - | - | - | - | - | - | 1 | - | 1 | 5 | 2 | 7 | - | - | - |
| Danish | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| French | - | - | - | - | - | - | - | 1 | 1 | 2 | 1 | 3 | - | - | - |
| German | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Greek | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| Irish | - | - | - | - | - | - | 1 | 1 | 2 | 5 | - | 5 | - | - | - |
| Italian | - | - | - | - | - | - | 1 | - | 1 | 1 | - | 1 | - | - | - |
| Japanese | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 2 | 1 | 3 | - | 1 | 1 | 4 | 4 | 8 | 28 | 3 | 31 | - | 1 | 1 |

(Includes "North" and "South.")

(Norwegian, Dane and Swede.)

(Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Rumanian, Ruffianian, Servian, Slovak, Slovenian.)

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

| RACE | With other somatic diseases | | | Manic-depressive | | | Involution melancholia | | | Dementia praecox | | | Paranoia and paranoid conditions | |
|---------------------------|-----------------------------|----|----|------------------|----|----|------------------------|----|----|------------------|----|----|----------------------------------|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. |
| African (black) | — | — | — | — | — | — | — | — | — | — | 1 | 1 | — | — |
| American Indian | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Armenian | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| English | 2 | 2 | 4 | 4 | 4 | 8 | 3 | 5 | 8 | 10 | 15 | 25 | — | 2 |
| Finnish | — | — | — | — | — | — | — | — | — | — | 1 | 1 | — | — |
| French | — | 1 | 1 | 2 | 3 | 5 | — | 2 | 2 | 6 | 8 | 14 | — | — |
| German | — | — | — | — | — | — | — | — | — | — | 1 | 1 | — | — |
| Greek | — | — | — | — | — | — | — | — | — | 2 | — | 2 | — | — |
| Hebrew | — | 1 | 1 | — | — | — | — | — | — | 1 | 1 | 2 | — | — |
| Irish | 2 | 1 | 3 | — | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 6 | — | 2 |
| Italian ¹ | — | — | — | — | 1 | 1 | — | 3 | 3 | 3 | 3 | 6 | — | 1 |
| Portuguese | — | — | — | — | 1 | 1 | — | — | — | 11 | 7 | 18 | 1 | 2 |
| Scandinavian ² | — | — | — | — | — | — | — | — | — | 2 | 1 | 3 | — | 1 |
| Scotch | — | — | — | — | 1 | 1 | — | 2 | 2 | — | 2 | 2 | — | — |
| Slavonic ³ | — | — | — | 1 | 2 | 3 | — | 1 | 1 | 4 | 2 | 6 | — | — |
| Mixed | — | — | — | — | 1 | 1 | 1 | — | 1 | 3 | 1 | 4 | 1 | 1 |
| Race unascertained | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 4 | 5 | 9 | 7 | 16 | 23 | 5 | 15 | 20 | 45 | 46 | 91 | 2 | 9 |

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

| RACE | Epileptic psychoses | | | Psycho-neuroses and neuroses | | | With psychopathic personality | | | With mental deficiency | | | Un-diagnosed psychoses | | | Without psychoses | |
|---------------------------|---------------------|----|----|------------------------------|----|----|-------------------------------|----|----|------------------------|----|----|------------------------|----|----|-------------------|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. |
| African (black) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| American Indian | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Armenian | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| English | 1 | — | 1 | 1 | — | 1 | 1 | 1 | 2 | 3 | 3 | 6 | — | 1 | 1 | — | — |
| Finnish | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| French | — | — | — | — | — | — | 1 | — | 1 | 1 | — | 1 | — | — | — | — | — |
| German | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Greek | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hebrew | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Irish | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | — | 1 | — |
| Italian ¹ | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Portuguese | 2 | — | 2 | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — |
| Scandinavian ² | — | — | — | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — |
| Scotch | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Slavonic ³ | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mixed | — | — | — | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — |
| Race unascertained | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 3 | — | 3 | 1 | 3 | 4 | 2 | 1 | 3 | 5 | 3 | 8 | — | 1 | 1 | 1 | — |

¹ Includes "North" and "South."

² Norwegians, Danes and Swedes.

³ Includes Bohemians, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

| PSYCHOSES | Total | | | Under 15 years | | | 15-19 years | | | 20-24 years | | | 25-29 years | | |
|---|-------|-----|-----|----------------|----|----|-------------|----|----|-------------|----|----|-------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. Senile | 16 | 32 | 48 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3. With cerebral arteriosclerosis | 29 | 22 | 51 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4. General paralysis | 25 | 6 | 31 | - | - | - | - | - | - | - | - | - | 4 | - | 4 |
| 5. With cerebral syphilis | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 4 | 4 | 8 | - | - | - | - | - | - | 1 | 2 | 3 | 1 | - | 1 |
| 9. Alcoholic | 28 | 3 | 31 | - | - | - | - | - | - | - | - | - | 3 | - | 3 |
| 10. Due to drugs and other exogenous toxins | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 4 | 5 | 9 | - | - | - | - | 1 | 1 | - | - | - | - | - | - |
| 13. Manic-depressive | 7 | 16 | 23 | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 | 3 |
| 14. Involution melancholia | 5 | 15 | 20 | - | - | - | - | - | - | - | - | - | - | - | - |
| 15. Dementia praecox | 45 | 46 | 91 | 1 | 1 | 2 | 6 | 4 | 10 | 13 | 6 | 19 | 6 | 10 | 16 |
| 16. Paranoia and paranoid conditions | 2 | 9 | 11 | - | - | - | - | - | - | - | - | - | - | - | - |
| 17. Epileptic psychoses | 3 | - | 3 | - | - | - | 1 | - | 1 | - | - | - | 1 | - | 1 |
| 18. Psychoneuroses and neuroses | 1 | 3 | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 3 | 8 | - | 1 | 1 | - | - | - | - | - | - | 2 | - | 2 |
| 21. Undiagnosed psychoses | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22. Without psychosis | 1 | - | 1 | - | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Total | 181 | 169 | 350 | 1 | 2 | 3 | 7 | 5 | 12 | 14 | 9 | 23 | 19 | 13 | 32 |

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

| PSYCHOSES | 30-34 years | | | 35-39 years | | | 40-44 years | | | 45-49 years | | | 50-54 years | | |
|---|-------------|----|----|-------------|----|----|-------------|----|----|-------------|----|----|-------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Traumatic | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| Senile | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With cerebral arteriosclerosis | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | 1 |
| General paralysis | 3 | 2 | 5 | 2 | - | 2 | 6 | 1 | 7 | 1 | - | 1 | 3 | 1 | 4 |
| With cerebral syphilis | - | - | - | - | - | - | 1 | 1 | 2 | - | - | - | - | - | - |
| With Huntington's chorea | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - |
| With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With other brain or nervous diseases | - | - | - | - | 1 | 1 | - | - | - | - | - | - | 1 | 1 | 2 |
| Alcoholic | 1 | - | 1 | 4 | 1 | 5 | 4 | - | 4 | 3 | - | 3 | 5 | 1 | 6 |
| Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| With other somatic diseases | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 1 | 1 | 2 |
| Manic-depressive | 2 | 3 | 5 | - | 3 | 3 | - | - | - | 1 | 2 | 3 | 1 | 2 | 3 |
| Involution melancholia | - | - | - | - | - | - | - | 1 | 1 | 2 | 4 | 6 | - | 4 | 4 |
| Dementia praecox | 8 | 7 | 15 | 4 | 6 | 10 | 4 | 4 | 8 | 2 | 3 | 5 | 1 | 4 | 5 |
| Paranoia and paranoid conditions | 1 | - | 1 | - | 1 | 1 | - | 2 | 2 | - | - | - | - | 2 | 2 |
| Epileptic psychoses | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 |
| Psychoneuroses and neuroses | - | 3 | 3 | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| With psychopathic personality | 1 | 1 | 2 | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| With mental deficiency | - | - | - | - | - | - | - | 2 | 2 | - | - | - | 2 | - | 2 |
| Undiagnosed psychoses | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 16 | 16 | 32 | 11 | 12 | 23 | 17 | 11 | 28 | 10 | 13 | 23 | 15 | 18 | 33 |

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

| PSYCHOSES | 55-59 years | | | 60-64 years | | | 65-69 years | | | 70 years and over | | |
|---|----------------|----|----|----------------|----|----|----------------|----|----|----------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| 2. Senile | - | - | - | - | 1 | 1 | 2 | 5 | 7 | 14 | 26 | 4 |
| 3. With cerebral arteriosclerosis | 2 | 2 | 4 | 3 | 2 | 5 | 6 | 4 | 10 | 18 | 12 | 3 |
| 4. General paralysis | 2 | - | 2 | 1 | - | 1 | 1 | 1 | 2 | 2 | 1 | - |
| 5. With cerebral syphilis | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| 6. With Huntington's chorea | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | - | - | - | - | - | - | - | - | - | 1 | - | - |
| 9. Alcoholic | 6 | - | 6 | 2 | 1 | 3 | - | - | - | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 1 | - | 1 | - | - | - | 1 | 1 | 2 | - | - | - |
| 13. Manic-depressive | 1 | - | 1 | 1 | - | 1 | - | 3 | 3 | - | - | - |
| 14. Involution melancholia | 1 | 3 | 4 | 2 | 3 | 5 | - | - | - | - | - | - |
| 15. Dementia praecox | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 16. Paranoia and paranoid conditions | - | 1 | 1 | - | 1 | 1 | - | 2 | 2 | 1 | - | - |
| 17. Epileptic psychoses | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| 21. Undiagnosed psychoses | - | - | - | - | - | - | - | - | - | - | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 13 | 7 | 20 | 11 | 8 | 19 | 11 | 16 | 27 | 36 | 39 | 7 |

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

| PSYCHOSES | Total | | | Illiterate | | Reads and writes ¹ | | Common school | | High School | | College | | Unaccredited | |
|---|-------|-----|-----|------------|----|-------------------------------|----|---------------|----|-------------|----|---------|----|--------------|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 2 | - | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - |
| 2. Senile | 16 | 32 | 48 | - | 4 | 9 | 12 | 10 | 13 | 1 | 3 | 4 | - | 2 | 2 |
| 3. With cerebral arteriosclerosis | 29 | 22 | 51 | 2 | 4 | 6 | 11 | 20 | 13 | 1 | - | 1 | - | 1 | 1 |
| 4. General paralysis | 25 | 6 | 31 | 3 | 3 | 1 | 1 | 17 | 5 | 2 | - | - | - | 2 | 1 |
| 5. With cerebral syphilis | 2 | 1 | 3 | - | - | 1 | - | 1 | 1 | 2 | - | - | - | 2 | 1 |
| 6. With Huntington's chorea | - | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 4 | 4 | 8 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | - | - | - | - | - |
| 9. Alcoholic | 28 | 3 | 31 | 1 | - | 6 | 7 | 19 | 2 | 2 | - | - | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 4 | 5 | 9 | - | - | 2 | 2 | 3 | 3 | 1 | - | - | - | - | - |
| 13. Manic-depressive | 7 | 16 | 23 | - | 3 | 1 | 1 | 6 | 10 | 1 | 2 | 3 | - | - | - |
| 14. Involution melancholia | 5 | 15 | 20 | - | 1 | 2 | 2 | 5 | 11 | 1 | 1 | - | - | - | - |
| 15. Dementia praecox | 45 | 46 | 91 | 3 | 4 | 3 | 6 | 33 | 24 | 3 | 9 | 12 | 1 | 2 | 4 |
| 16. Paranoia and paranoid conditions | 2 | 9 | 11 | - | 2 | 1 | 1 | 2 | 5 | 1 | 1 | - | - | - | - |
| 17. Epileptic psychoses | 3 | - | 3 | - | - | 1 | - | 2 | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | 1 | 3 | 4 | - | - | - | - | 1 | 3 | - | - | - | - | - | - |
| 19. With psychopathic personality | 2 | 1 | 3 | - | - | - | - | 2 | 1 | - | - | - | - | - | - |
| 20. With mental deficiency | 5 | 3 | 8 | 2 | 1 | - | - | 2 | 2 | - | - | - | - | 1 | 1 |
| 21. Undiagnosed psychoses | - | 1 | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 22. Without psychosis | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Total | 181 | 169 | 350 | 11 | 18 | 29 | 49 | 128 | 98 | 13 | 16 | 29 | 1 | 2 | 3 |
| | | | | | | | | | | | | | | 8 | 6 |
| | | | | | | | | | | | | | | 14 | |

¹ Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

| PSYCHOSES | Total | | | Urban | | | Rural | | | Unascertained | |
|---|-------|-----|-----|-------|-----|-----|-------|----|----|---------------|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. |
| 1. Traumatic | 2 | — | 2 | 2 | — | 2 | — | — | — | — | — |
| 2. Senile | 16 | 32 | 48 | 14 | 29 | 43 | 2 | 3 | 5 | — | — |
| 3. With cerebral arteriosclerosis | 29 | 22 | 51 | 28 | 19 | 47 | 1 | 3 | 4 | — | — |
| 4. General paralysis | 25 | 6 | 31 | 22 | 4 | 26 | 3 | 2 | 5 | — | — |
| 5. With cerebral syphilis | 2 | 1 | 3 | 2 | 1 | 3 | — | — | — | — | — |
| 6. With Huntington's chorea | — | 1 | 1 | — | 1 | 1 | — | — | — | — | — |
| 7. With brain tumor | — | — | — | — | — | — | — | — | — | — | — |
| 8. With other brain or nervous diseases | 4 | 4 | 8 | 4 | 3 | 7 | — | 1 | 1 | — | — |
| 9. Alcoholic | 28 | 3 | 31 | 26 | 3 | 29 | 2 | — | 2 | — | — |
| 10. Due to drugs and other exogenous toxins | — | 1 | 1 | — | 1 | 1 | — | — | — | — | — |
| 11. With pellagra | — | — | — | — | — | — | — | — | — | — | — |
| 12. With other somatic diseases | 4 | 5 | 9 | 4 | 4 | 8 | — | 1 | 1 | — | — |
| 13. Manic-depressive | 7 | 16 | 23 | 7 | 15 | 22 | — | 1 | 1 | — | — |
| 14. Involution melancholia | 5 | 15 | 20 | 5 | 12 | 17 | — | 3 | 3 | — | — |
| 15. Dementia praecox | 45 | 46 | 91 | 41 | 44 | 85 | 2 | 2 | 4 | 2 | — |
| 16. Paranoia and paranoid conditions | 2 | 9 | 11 | 2 | 7 | 9 | — | 2 | 2 | — | — |
| 17. Epileptic psychoses | 3 | — | 3 | 3 | — | 3 | — | — | — | — | — |
| 18. Psychoneuroses and neuroses | 1 | 3 | 4 | — | 3 | 3 | 1 | — | 1 | — | — |
| 19. With psychopathic personality | 2 | 1 | 3 | 2 | 1 | 3 | — | — | — | — | — |
| 20. With mental deficiency | 5 | 3 | 8 | 4 | 2 | 6 | 1 | 1 | 2 | — | — |
| 21. Undiagnosed psychoses | — | 1 | 1 | — | 1 | 1 | — | — | — | — | — |
| 22. Without psychosis | 1 | — | 1 | 1 | — | 1 | — | — | — | — | — |
| Total | 181 | 169 | 350 | 167 | 150 | 317 | 12 | 19 | 31 | 2 | — |

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

| PSYCHOSES | Total | | | Dependent | | | Marginal | | | Comfortable | | | Unascertained | |
|---|-------|-----|-----|-----------|----|----|----------|-----|-----|-------------|----|----|---------------|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. |
| 1. Traumatic | 2 | — | 2 | — | — | — | 2 | — | 2 | — | — | — | — | — |
| 2. Senile | 16 | 32 | 48 | 6 | 5 | 11 | 9 | 25 | 34 | 1 | 2 | 3 | — | — |
| 3. With cerebral arteriosclerosis | 29 | 22 | 51 | 14 | 3 | 17 | 15 | 18 | 33 | — | — | — | — | 1 |
| 4. General paralysis | 25 | 6 | 31 | 6 | — | 6 | 19 | 6 | 25 | — | — | — | — | — |
| 5. With cerebral syphilis | 2 | 1 | 3 | — | — | — | 2 | 1 | 3 | — | — | — | — | — |
| 6. With Huntington's chorea | — | 1 | 1 | — | — | — | — | 1 | 1 | — | — | — | — | — |
| 7. With brain tumor | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8. With other brain or nervous diseases | 4 | 4 | 8 | — | — | — | 4 | 4 | 8 | — | — | — | — | — |
| 9. Alcoholic | 28 | 3 | 31 | 4 | — | 4 | 23 | 3 | 26 | 1 | — | 1 | — | — |
| 10. Due to drugs and other exogenous toxins | — | 1 | 1 | — | — | — | — | 1 | 1 | — | — | — | — | — |
| 11. With pellagra | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12. With other somatic diseases | 4 | 5 | 9 | 1 | — | 1 | 3 | 5 | 8 | — | — | — | — | — |
| 13. Manic-depressive | 7 | 16 | 23 | — | — | — | 6 | 16 | 22 | 1 | — | 1 | — | — |
| 14. Involution melancholia | 5 | 15 | 20 | — | — | — | 5 | 15 | 20 | — | — | — | — | — |
| 15. Dementia praecox | 45 | 46 | 91 | 7 | 4 | 11 | 37 | 40 | 77 | — | 1 | 1 | 1 | 1 |
| 16. Paranoia and paranoid conditions | 2 | 9 | 11 | — | 1 | 1 | 1 | 8 | 9 | 1 | — | 1 | — | — |
| 17. Epileptic psychoses | 3 | — | 3 | 1 | — | 1 | 2 | — | 2 | — | — | — | — | — |
| 18. Psychoneuroses and neuroses | 1 | 3 | 4 | 1 | — | 1 | — | 3 | 3 | — | — | — | — | — |
| 19. With psychopathic personality | 2 | 1 | 3 | — | 1 | 1 | 2 | — | 2 | — | — | — | — | — |
| 20. With mental deficiency | 5 | 3 | 8 | 2 | — | 2 | 3 | 3 | 6 | — | — | — | — | — |
| 21. Undiagnosed psychoses | — | 1 | 1 | — | — | — | — | 1 | 1 | — | — | — | — | — |
| 22. Without psychosis | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — | — | — |
| Total | 181 | 169 | 350 | 42 | 14 | 56 | 134 | 150 | 284 | 4 | 3 | 7 | 1 | 2 |

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

| PSYCHOSES | Total | | | Abstinent | | | Temperate | | | Intemperate | | | Unascertained | | |
|---|-------|-----|-----|-----------|-----|-----|-----------|----|----|-------------|----|----|---------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Traumatic | 2 | — | 2 | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — |
| Senile | 16 | 32 | 48 | 5 | 30 | 35 | 7 | 1 | 8 | 2 | — | 2 | 2 | 1 | 3 |
| With cerebral arterio-sclerosis | 29 | 22 | 51 | 14 | 22 | 36 | 12 | — | 12 | 3 | — | 3 | — | — | — |
| General paralysis | 25 | 6 | 31 | 6 | 2 | 8 | 12 | 1 | 13 | 7 | 3 | 10 | — | — | — |
| With cerebral syphilis | 2 | 1 | 3 | — | 1 | 1 | 1 | — | 1 | 1 | — | 1 | — | — | — |
| With Huntington's chorea | — | 1 | 1 | — | 1 | 1 | — | — | — | — | — | — | — | — | — |
| With brain tumor | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| With other brain or nervous diseases | 4 | 4 | 8 | 3 | 2 | 5 | — | 1 | 1 | 1 | 1 | 2 | — | — | — |
| Alcoholic | 28 | 3 | 31 | — | — | — | — | — | — | 28 | 3 | 31 | — | — | — |
| Due to drugs and other exogenous toxins | — | 1 | 1 | — | — | — | — | — | — | — | 1 | 1 | — | — | — |
| With pellagra | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| With other somatic diseases | 4 | 5 | 9 | 2 | 5 | 7 | 1 | — | 1 | 1 | — | 1 | — | — | — |
| Manic-depressive | 7 | 16 | 23 | 4 | 13 | 17 | 2 | 2 | 4 | 1 | 1 | 2 | — | — | — |
| Involution melancholia | 5 | 15 | 20 | 1 | 12 | 13 | 4 | 2 | 6 | — | 1 | 1 | — | — | — |
| Dementia praecox | 45 | 46 | 91 | 25 | 39 | 64 | 12 | 5 | 17 | 6 | 1 | 7 | 2 | 1 | 3 |
| Paranoia and paranoid conditions | 2 | 9 | 11 | — | 5 | 5 | 2 | 3 | 5 | — | 1 | 1 | — | — | — |
| Epileptic psychoses | 3 | — | 3 | 2 | — | 2 | — | — | — | — | — | — | 1 | — | 1 |
| Psychoneuroses and neuroses | 1 | 3 | 4 | 1 | 3 | 4 | — | — | — | — | — | — | — | — | — |
| With psychopathic personality | 2 | 1 | 3 | — | — | — | 1 | 1 | 2 | 1 | — | 1 | — | — | — |
| With mental deficiency | 5 | 3 | 8 | 4 | 2 | 6 | — | 1 | 1 | — | — | — | 1 | — | 1 |
| Undiagnosed psychoses | — | 1 | 1 | — | — | — | — | 1 | 1 | — | — | — | — | — | — |
| Without psychosis | 1 | — | 1 | 1 | — | 1 | — | — | — | — | — | — | — | — | — |
| Total | 181 | 169 | 350 | 69 | 137 | 206 | 54 | 18 | 72 | 52 | 12 | 64 | 6 | 2 | 8 |

TABLE 14. *Psychoses of Readmissions*

| PSYCHOSES | Males | Females | Total |
|---|-------|---------|-------|
| Traumatic psychoses | — | — | — |
| Senile psychoses | 1 | 1 | 2 |
| Psychoses with cerebral arteriosclerosis | 3 | 4 | 7 |
| General paralysis | 2 | — | 2 |
| Psychoses with cerebral syphilis | — | — | — |
| Psychoses with Huntington's chorea | — | — | — |
| Psychoses with brain tumor | — | — | — |
| Psychoses with other brain or nervous diseases | — | — | — |
| Alcoholic psychoses | 7 | 1 | 8 |
| Psychoses due to drugs and other exogenous toxins | — | — | — |
| With pellagra | — | — | — |
| Psychoses with other somatic diseases | — | — | — |
| Manic-depressive psychoses | 8 | 7 | 15 |
| Involution melancholia | — | 3 | 3 |
| Dementia præcox | 13 | 17 | 35 |
| Paranoia and paranoid conditions | — | — | — |
| Epileptic psychoses | 1 | — | 1 |
| Psychoneuroses and neuroses | — | — | — |
| Psychoses with psychopathic personality | — | — | — |
| Psychoses with mental deficiency | — | 2 | 2 |
| Undiagnosed psychoses | — | — | — |
| Without psychosis | — | — | — |
| Total | 40 | 35 | 75 |

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

| PSYCHOSES | Total | | | Recovered | | | Improved | | | Unimproved | | |
|---|-------|----|-----|-----------|----|----|----------|----|-----|------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Traumatic | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — |
| Senile | 5 | — | 5 | — | — | — | 4 | — | 4 | 1 | — | 1 |
| With cerebral arteriosclerosis | 4 | 7 | 11 | — | — | — | 3 | 7 | 10 | 1 | — | 1 |
| General paralysis | 2 | 1 | 3 | — | — | — | 2 | 1 | 3 | — | — | — |
| With cerebral syphilis | 1 | — | 1 | 1 | — | 1 | — | — | — | — | — | — |
| With Huntington's chorea | — | — | — | — | — | — | — | — | — | — | — | — |
| With brain tumor | — | — | — | — | — | — | — | — | — | — | — | — |
| With other brain or nervous diseases | 3 | — | 3 | — | — | — | 3 | — | 3 | — | — | — |
| Alcoholic | 19 | 4 | 23 | 9 | — | 9 | 10 | 4 | 14 | — | — | — |
| Due to drugs and other exogenous toxins | — | — | — | — | — | — | — | — | — | — | — | — |
| With pellagra | — | — | — | — | — | — | — | — | — | — | — | — |
| With other somatic diseases | — | — | — | — | — | — | — | — | — | — | — | — |
| Manic-depressive | 8 | 20 | 28 | 3 | 8 | 11 | 5 | 11 | 16 | — | 1 | 1 |
| Involution melancholia | 7 | 10 | 17 | 4 | 2 | 6 | 3 | 8 | 11 | — | — | — |
| Dementia præcox | 35 | 28 | 63 | 1 | 1 | 2 | 33 | 23 | 56 | 1 | 4 | 5 |
| Paranoia and paranoid conditions | 6 | 4 | 10 | 1 | — | 1 | 4 | 4 | 8 | 1 | — | 1 |
| Epileptic psychoses | 2 | — | 2 | — | — | — | 2 | — | 2 | — | — | — |
| Psychoneuroses and neuroses | 4 | 1 | 5 | — | — | — | 4 | 1 | 5 | — | — | — |
| With psychopathic personality | 3 | 2 | 5 | — | 1 | 1 | 3 | 1 | 4 | — | — | — |
| With mental deficiency | 2 | 3 | 5 | 1 | — | 1 | 1 | 3 | 4 | — | — | — |
| Undiagnosed psychoses | 2 | 1 | 3 | — | — | — | 2 | 1 | 3 | — | — | — |
| Without psychosis | 1 | 1 | 2 | — | — | — | — | — | — | — | — | — |
| Total | 105 | 82 | 187 | 20 | 12 | 32 | 80 | 64 | 144 | 4 | 5 | 9 |

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

| PSYCHOSES | Total | | Under 15 years | | 15-19 years | | 20-24 years | | 25-29 years | | 30-34 years | | 35-39 years | |
|---|-------|----|----------------|----|-------------|----|-------------|----|-------------|----|-------------|----|-------------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1. Traumatic | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2. Senile | 10 | 22 | — | — | — | — | — | — | — | — | — | — | — | — |
| 3. With cerebral arteriosclerosis | 24 | 13 | — | — | — | — | — | — | — | — | — | — | — | — |
| 4. General paralysis | 16 | 6 | — | — | 1 | — | — | — | 1 | — | 1 | 1 | 2 | 2 |
| 5. With cerebral syphilis | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6. With Huntington's chorea | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 7. With brain tumor | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8. With other brain or nervous diseases | 4 | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — |
| 9. Alcoholic | 4 | 1 | — | — | — | — | — | — | — | — | — | — | 1 | 1 |
| 10. Due to drugs and other exogenous | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11. With pellagra | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12. With other somatic diseases | 3 | 4 | — | — | — | — | — | — | — | — | — | — | 1 | 1 |
| 13. Manic-depressive | 2 | 6 | — | — | — | — | — | — | — | — | — | — | 1 | 1 |
| 14. Involution melancholia | 4 | 6 | — | — | — | — | — | — | — | — | — | — | — | — |
| 15. Dementia praecox | 10 | 21 | — | — | — | — | 1 | — | 2 | 1 | — | 1 | 1 | 4 |
| 16. Paranoia and paranoid conditions | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 17. Epileptic psychoses | 2 | 2 | — | — | — | — | — | — | — | — | 1 | — | — | — |
| 18. Psychoneuroses and neuroses | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 19. With psychopathic personality | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20. With mental deficiency | 3 | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 21. Undiagnosed psychoses | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| 22. Without psychosis | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | 84 | 86 | — | — | 1 | — | 2 | — | 3 | 1 | 2 | 2 | 2 | 9 |
| | | | | | | 1 | | 2 | | | | | | 11 |

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses—Concluded

| PSYCHOSES | 40-44 years | | 45-49 years | | 50-54 years | | 55-59 years | | 60-64 years | | 65-69 years | | 70 years and over | | |
|---|----------------|----|----------------|----|----------------|----|----------------|----|----------------|----|----------------|----|----------------------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - |
| 2. Senile | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 8 | 21 |
| 3. With cerebral arteriosclerosis | - | - | - | - | - | - | - | - | - | 3 | 3 | 4 | 1 | 17 | 9 |
| 4. General paralysis | 5 | 1 | 6 | 2 | - | 2 | 1 | 3 | - | 1 | 1 | 2 | 1 | 2 | 26 |
| 5. With cerebral syphilis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea. | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | - | - | - | - | 1 | 1 | 1 | - | - | 1 | - | 1 | - | 1 | 1 |
| 9. Alcoholic | 1 | - | 1 | - | - | - | 1 | - | - | 1 | - | 1 | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | - | - | - | - | 2 | 2 | 1 | - | - | 1 | - | 1 | 1 | - | - |
| 13. Manic-depressive. | - | - | - | - | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | - | 1 | 1 |
| 14. Involution melancholia | - | - | - | - | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 3 | - | 2 | 2 |
| 15. Dementia praecox | 2 | 1 | 3 | 1 | 2 | 3 | 3 | 3 | 4 | 1 | 1 | 2 | 1 | 1 | 4 |
| 16. Paranoia and paranoid conditions | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - | - | 5 |
| 17. Epileptic psychoses | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - |
| 18. Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 1 | - | 1 | - | - | - | 1 | 1 | - | - | - | 1 | - | 1 | 1 |
| 21. Undiagnosed psychoses | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 9 | 2 | 11 | 3 | 9 | 12 | 6 | 11 | 17 | 12 | 7 | 19 | 8 | 3 | 67 |

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses

| PSYCHOSES | Total | | | Less than 1 month | | 1-3 months | | 4-7 months | | 8-12 months | | 1-2 years | | 3-4 years | |
|---|-------|----|-----|-------------------|----|------------|----|------------|----|-------------|----|-----------|----|-----------|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. Traumatic | 1 | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - |
| 2. Senile | 10 | 22 | 32 | 3 | 5 | 8 | 3 | 4 | 7 | - | - | - | - | 1 | 1 |
| 3. With cerebral arteriosclerosis | 24 | 13 | 37 | 10 | 2 | 12 | 6 | 2 | 9 | 1 | 1 | 5 | 1 | 1 | 2 |
| 4. General paralysis | 16 | 6 | 22 | 1 | 2 | 3 | 1 | 5 | 1 | 2 | 1 | 3 | 4 | - | 4 |
| 5. With cerebral syphilis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. With Huntington's chorea | 1 | 1 | 2 | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| 7. With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. With other brain or nervous diseases | 4 | 1 | 5 | - | - | - | 1 | - | 1 | 1 | 1 | 2 | - | - | - |
| 9. Alcoholic | 4 | 1 | 5 | - | 1 | 1 | 1 | - | - | 2 | - | - | - | - | - |
| 10. Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. With other somatic diseases | 3 | 4 | 7 | 1 | 1 | 2 | 1 | 1 | 2 | - | - | 1 | - | 1 | 1 |
| 13. Manic-depressive | 2 | 6 | 8 | 1 | - | 1 | 1 | - | - | - | 1 | 3 | - | - | - |
| 14. Involution melancholia | 4 | 6 | 10 | 1 | 3 | 3 | 1 | - | 3 | - | 1 | 1 | - | - | - |
| 15. Dementia praecox | 10 | 21 | 31 | - | - | - | - | - | - | - | - | 2 | 2 | 3 | 6 |
| 16. Paranoia and paranoid conditions | - | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | 1 | 2 |
| 17. Epileptic psychoses | 2 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| 18. Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. With psychopathic personality | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. With mental deficiency | 3 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | 1 | 1 |
| 21. Undiagnosed psychoses | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22. Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 84 | 86 | 170 | 16 | 15 | 31 | 15 | 11 | 26 | 6 | 2 | 8 | 7 | 21 | 28 |
| | | | | | | | | 13 | 3 | 16 | | | 10 | 7 | 17 |

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses — Concluded

| PSYCHOSES | | 5-6 years | | | 7-8 years | | | 9-10 years | | | 11-12 years | | | 13-14 years | | | 15-19 years | | | 20 years and over | | |
|-----------|---|-----------|----|----|-----------|----|----|------------|----|----|-------------|----|----|-------------|----|----|-------------|----|----|-------------------|----|----|
| | | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1. | Traumatic | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2. | Senile | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3. | With cerebral arteriosclerosis | - | - | 2 | - | - | 1 | 1 | - | - | - | - | - | - | - | 2 | - | - | 2 | - | - | - |
| 4. | General paralysis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5. | With cerebral syphilis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6. | With Huntington's chorea | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7. | With brain tumor | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8. | With other brain or nervous diseases | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9. | Alcohol | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 1 | - | 1 |
| 10. | Due to drugs and other exogenous toxins | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11. | With pellagra | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12. | With other somatic diseases | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13. | Manic-depressive | - | - | - | - | - | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14. | Involution melancholia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15. | Dementia praecox | 1 | 4 | 5 | 1 | 3 | 4 | - | - | - | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 4 | 2 | 4 |
| 16. | Paranoia and paranoid conditions | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17. | Epileptic psychoses | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| 18. | Psychoneuroses and neuroses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19. | With psychopathic personality | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20. | With mental deficiency | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21. | Undiagnosed psychoses | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 |
| 22. | Without psychosis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | 2 | 8 | 10 | 2 | 5 | 7 | - | 1 | 1 | 1 | 2 | 3 | 4 | 2 | 6 | 4 | 5 | 9 | 4 | 4 | 8 |

TABLE 19. *Family Care Department*

| | Male | Female | Total |
|---|------|--------|-------|
| Remaining in Family Care October 1, 1928 | - | 6 | 6 |
| On visit from Family Care October 1, 1928 | - | - | - |
| Admitted during year | - | 1 | 1 |
| Whole number of cases within the year | - | 7 | 7 |
| Dismissed within the year | - | 2 | 2 |
| Returned to institution | - | 2 | 2 |
| Discharged | - | - | - |
| On visit | - | - | - |
| Remaining in Family Care September 30, 1929 | - | 5 | 5 |
| Supported by State | - | 2 | 2 |
| Private | - | - | - |
| Self-supporting | - | 3 | 3 |
| Number of different persons within the year | - | 3 | 3 |
| Number of different persons dismissed | - | 2 | 2 |
| Number of different persons admitted | - | 1 | 1 |
| Average daily number in Family Care during the year | - | 5.8076 | 5.8 |
| Supported by State | - | .5479 | .5 |
| Private | - | - | - |
| Self-supporting | - | .8219 | .8 |